

I Claim

1. A method of supplying computational fluid dynamics modelling to customers, wherein the customer has a  
5 network access device that includes client software, and is connected to a computer network, and the computational fluid dynamics software is provided on a server computer also connected to the network, the method involving:
  - 10 (a) the customer connecting via the network to the server computer, using the client software;
  - (b) the server computer providing a menu of several different categories of fluid flow problem, for display  
15 by the client software to the customer, and then the customer selecting a category, using the client software;
  - (c) the server computer requesting dimensional or other specific details relevant to the selected category  
20 of fluid flow problem, for display by the client software to the customer, and then the customer providing those details, using the client software;
  - (d) the server computer performing the modelling of  
25 the structure as specified by the customer, and converting the results into an output form;
  - (e) the server computer notifying the customer that the results are available, and providing those results to  
30 the customer via the network.
2. A method as claimed in claim 1 wherein, in step (c), the customer is provided with the option of allowing one or more of the parameters to have a range of values.

3. A method as claimed in claim 2 wherein, in step (c), the customer is provided with the option of specifying a parameter to be optimised over that range.

5 4. A method as claimed in claim 1 wherein the customer also is provided with the option of combining problems together, so that the output flow from a structure in one problem provides the input flow for the next, each problem being selected as in step (b) and its details 10 specified as in step (c), before the modelling is performed on the combined problems.

5. A method as claimed in claim 1 wherein the network linking the customer's network access device to the 15 server computer is a network within an individual company.

6. A method as claimed in claim 1 wherein the network linking the customer's network access device to the 20 server computer uses the Internet.

7. A method as claimed in claim 1 wherein the network access device used by the customer is selected from the group consisting of a personal computer, a laptop 25 computer, and a mobile phone.